Applying proven Project Management practices in your organization
Our Approach

ANKER International Projects is the pioneer in implementing projects of diverse complexity. For years we have partnered with international companies to execute their projects SAFELY ON TARGET inclusive of TIME, BUDGET & the RIGHT QUALITY.

Our experience in executing and improving management effectiveness and embedding the changes in mid to large-scale mega projects globally in industry leading and development countries has ensured our continued successes. ANKER employs hardened project professionals that has worked in some of the most arduous terrains possible inclusive of Artic, Desert and Tropic Conditions.

As a result of our practical knowledge base and practical knowhow these efforts deliver substantial value to project execution lifecycles resulting in measurable and predictable financial and operational results—assisting Investors, companies or project owners achieve their strategic as well as tactical deployment project objectives at a speed never thought possible.

Whether we are working with individual project managers, project management teams (PMT), project management contractors or engineering, construction and procurement sub-contractor teams, ANKER’s project management specialists have a strong record of success in assisting clients improve execution performance. By partnering with either project owners, contractors or even being appointed as the prime project management contractor, Anker helps you implement projects effective and efficiently a wide range of experienced international project directors who has proven track record in implementing projects in the specific sectors that we specialize adding value through tools, techniques, systems and best engineering, procurement, construction & project excellence structures, making predictable project forecasting a reality.

“The most important thing on a mega project is having the right player and the right people, doing the right things that are needed to make a project success.”

Operations Director
PROJECT MANAGEMENT – OFTEN A CHALLENGE, ALWAYS A PRIORITY

Among the many challenges facing project investors, owners and business contractors these days is most commonly an inability to execute the proper management of projects consistently and successfully.

In response to this challenge, ANKER has developed over the years a modern practice of internationally experienced individuals with technical, sector specific experience ensuring that project lifecycles are well balanced with technical and business acumen. Today, successful international project delivery is a top priority in every project thinkable where all types and sizes capital projects contracts are applied.

Anker has developed its own project regulatory compliance techniques ensuring that all project risks are covered and virtually everything in between.

Anker’s common goal in working with you is to apply consistent project management practices – and to achieve consistent risk free assured results.

Regardless of whether your organisation have designed a designated PMO function, ANKER’s experience found that many organizations continue to face recurring and familiar project management challenges including:

- Projects that consistently exceed their budget allocations.
- Failure to meet project milestones and commitments
- Inability to track project performance with accuracy and confidence
- Projects that appear to meet their technical requirements, but still fail to produce measurable benefits to the capital investment employed or owners.

ANKER has through its years of experience acquired industry specific knowledge to overcome such shortcomings and established more effective project execution management in the construction sectors and is therefore known for one of the chief differentiators between mediocre competitors and world – class construction project managers.

Applying ANKER’s technical construction and business acumen in projects is also one of the most effective ways to add long-term value to each project endeavour.

“With ANKER’s help we have completed in 6 to 8 months what we would have taken us two to three years to achieve on our own” VP and General Manager

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Where Will You Start?

Starting or a new project or new facility is both rewarding and challenging – rewarding because either the capital project investment provided or company is growing and generating more revenue, and challenging because there are thousands of tasks that must be accomplished before revenue is generated from the project. Whether you are starting an oil refinery, windfarm, new power generation facility, rolling mill, urban development, mine, chemical facility, rail facility or any other marvel project, you face thousands of obstacles that must be addressed.

An Opportunity to Build Competitive advantage

Starting a new project is a unique opportunity to build competitive advantage for your company or government institution.

It is not just that the facility will be brand new with the latest technology, you have the opportunity to train and develop a new workforce; you can select and implement new work processes, systems, and best practices; and you can establish new supply chains to replace inventories.

How to capitalize on these opportunities? How to ensure your plans and programs will be sustainable?

How do you know if you need ANKER’s a project management team solution?

1. Is there a lack of clearly defined authority and responsibility for overall project performance that sets the stage for a broad range of problems and complications as the project proceeds?

2. Is there a lack of clarity regarding project scope causing project goals to become “moving targets,” resulting in cost and time overruns?

3. Do you have difficulty in tracking project costs precisely, leading to overruns before the project is concluded?

4. Are milestones or results vaguely defined and difficult to track?

5. Is there a lack of control over changes or an inability to monitor, track and accurately account for changes in project requirements or scope?

6. Is it difficult to objectively assess and document project successes, failures and lessons learned?
Anker’s Complete Solution

Owners Challenges

Some challenges include:

- Optimising net present value and returns from both capital costs, maintainability, operability, and life cycle value.
- Implementing O&M best practices to sustain performance
- Recruiting and training a qualified workforce
- Optimising building layout, product flow, material handling, and plant or project logistics.

Managing All the Pieces of the Start – Puzzle

Anker has developed an integrated work process that addresses the thousands of tasks you must accomplish and the potential risks you must mitigate to have a successful project or start-up.

- Integrates life cycle design and business case justification into FEED (Front End Engineering Design) and the EPC (Engineering Procurement Construction) process phases.
- Identifies gaps in owner and contractor start-up plans and processes.
- Develops methodologies to supplement and deliver missing pieces.
- Delivers a schedule for implementation of all activities.
- Identifies risks to enable their mitigation.
- Supports the optimisation of capital investment into project or plant life cycle costs. We provide a complete solution for a green or brownfield project or facility.
Owners Benefits

Some of the benefits that can be realised by using ANKER’s knowledge & experience include:

- Higher return on investment and net present value.
- Lower total life cycle cost.
- More efficient owner, supplier, and contractor startup master plan and schedule.
- Reduced risks for commissioning, startup, and production ramp-up
- Faster start-up to accelerate operations revenue.
- Better prepared workforce – aligned, trained, equipped and ready for production.

ALL the Pieces Work Together

ANKER’S Modules Integrates with the EPC Process to Accelerate Vertical Launch

Following are just a few of the essential steps we can help you achieve:

- Enhance or establish a project management team with an office practice following reputable project standards, governance and proven lifecycle projects execution techniques.
- Improve communication with effective and timely project controls reporting at all levels of management & project owners.
- Reduce Project Risks
- Reduce project-related costs over runs
- Work across all stakeholders inclusive of owners, clients, employee’s contractors & sub-contractors alike to improve resource efficiency.
- Upgrade skillsets technical as well as conceptual of supervisory, management and workers at all levels of the owner/client project organisation
ANKER’s global platform gives Clients the confidence we can deliver challenging projects anywhere in the world. With 24/7 project execution capability, ANKER has the engineering, procurement, fabrication, construction, and project management expertise to deliver projects safely and with quality.

- Conceptual Design
- Estimating
- Feasibility Studies
- Permitting
- Process Simulation
- Project Financing
- Scope Definition
- Siting
- Technology License Evaluation

- Cost Control
- Detailed Engineering
- Front End Engineering Design
- Planning & Scheduling
- Process Simulation
- Safety Planning
- Systems Integration

- Contracts Management
- Expediting
- Logistics
- Materials Management
- Purchasing
- Supplier Quality
- Warehousing

- Contractor Management
- Craft Staffing & Training
- Equipment & Tools Supply
- Fabrication
- Field Mobilisation
- Modular Construction
- Project & program Management
- Quality Control
- Safety Programs
- Self – Perform Construction

- Commissioning
- Engineering Support
- Initial Production
- Plant Readiness
- Pre- Commissioning
- Systems Checkout
- Turnover
- Validation

- Asset Performance Improvement
- Contract Staffing
- Facility Management
- Operational Readiness
- Plant Engineering
- Plant Operations & Maintenance
- Small Capital Projects
- Turnarounds, Outages, & Shutdowns

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Capacity Planning
- Implements maintenance and reliability practices
- Helps drive top quartile maintenance performance
- Confirms desired reliability levels for plant equipment
- Optimises spare parts investment
- Orient the maintenance team for start-up, ramp-up, and ongoing operations

Life Cycle Design Support
- Integrates Life-Cycle and business-case justification into EPC process.
- Articulates strategies, goals, and objectives for operations and maintenance.
- Identifies opportunities to increase reliability, safety, and compliance
- Assesses the right impact of lean production principles
- Prioritizes risk criticalities
- Consolidates equipment supplier documentation, data, and training.

Operational Readiness Planning
- Identifies organisational tasks, roles and responsibilities for hiring, training, operations and maintenance (O&M) procedures, material induction, quality accreditation, customer certification, etc.
- Assists with plant start-up, production ramp-up, and O&M
- Focusses on high-priority risks
- Identifies opportunities created by activities ahead of schedule

Owners Risk and Readiness reviews
- Focuses on major risks to the investment case
- Provides gap analysis, risk list, and mitigation plans
- Enables the project team to evaluate:
  - Implementation of appropriate best practices
  - Completion of correct tasks
  - Validation of key start-up deliverables

Maintenance Readiness
- Integrates procedures for operations, quality, logistics, and production control functions
- Applies lean principles to help create a competitive workforce
- Develops procedures which improve the availability of systems, databases, tools parts, facilities and personnel for facility operations
- Implements all operations programs and procedures at start-up

Organizational Readiness
- Supports design of organisation strategies and objectives
- Develops and implements HR policies, databases, and procedures including:
  - Recruitment and selection
  - Hiring
  - Pay and progression
  - Critical training needs
- Aligns HR policies with O&M strategies and objectives
## Operations Readiness

- Integrates procedures for operations, quality, logistics, and production control staff functions
- Applies lean principles to help create a competitive workforce
- Develops procedures which improve the ability of systems, databases, tools, parts, facilities and personnel for facility operations
- Implements all operations programs and procedures at start-up

## Support Readiness

- Establishes the plant and facility support functions:
  - Health and Safety
  - Environmental management
  - Plant engineering
  - Facilities services
  - Utilities / energy management
  - Accounting
- Prepares policies, procedures, databases and support systems needed for vertical launch and operating success

## Systems Readiness

- Develops and implements overall information systems strategies
- Establishes information systems, databases, tools, facilities, and personnel
- Integrates with related IT functions
- Generates procedures for the implementation and applications of all software applications
- Generates EPC, OEM, and owner systems integration plans

## Supply Chain Readiness

- Establishes an integrated supply chain
- Develops strategy, policies, databases, work processes and procedures, and training programs
- Enables identification, procurement, and receiving of materials and services
- Establishes database of suppliers for quick reference after start-up

## Vertical Launch

- Delivers effective pre-commissioning, commissioning, start-up, and performance testing
- Combines non-invasive acceptance testing with predictive maintenance baselines
- Integrates launch procedures including:
  - Commissioning
  - Onsite system acceptance testing
  - Performance validation
  - Validation of operating procedures
- Manages vendor–supplied / field training activities
Track record of Success

Below are some client successes. Results will vary as each project presents its own challenges

Infrastructure Development

Power / Energy

Mining

Oil & Gas

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At Anker we have suitable engage models that would satisfy owners, investors, contractors alike on any scale able or workable a project.

Whether being part of a PMT (Project Management Team) from the owner/investor perspective, to a PMC (Project Management Contract) or maybe as an appointed EPC contractor or O&M operator. Anker’s years of experience in executing various contract types will delight you.
About Anker

- Anker is one of the world’s boutique engineering procurement construction and project management and operations & maintenance excellence companies. Over the past few decades ANKER has become a trusted global business leader by providing exceptional expertise and technical knowledge across every phase of capital project or facility program. Clients, rely on ANKER to deliver integrated, world-class solutions that optimise their assets, improve their competitive position and increase their long-term business success.

- Our start-up planning and implementation technologies can accelerate asset productivity, profitability, and performance by bridging the transition between project completion and ongoing operations.

- ANKER expedites validation, commissioning, startup activities, including organization preparedness, employee training, HSE procedure, quality certifications, and maintenance best practices.

- Consistently rated as one of the world’s safest contractors. ANKER primary objective is to assist our customers in maximising return on capital, employed safely with complete regulatory compliance. The expertise of our global extended workforce of around 3,500 men and woman provides cost-effective, intelligent solutions in a timely manner.

"Working with ANKER has been a catalyst for change for our business. We are more efficient today because of the project tools, experience and sector knowledge applied by the ANKER teams."

President and CEO

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